Plant Growth Chamber LX100PGC

Email: info@labdex.com **website:** www.labdex.com

Description

Plant Growth Chamber LX100PGC is high-precision thermostatic device with functions of illumination and humidification. Built-in microprocessor enables programmable control of temperature. Inner Chamber made by SUS304 stainless steel sheet, Outer Shell material is Cold rolling steel electrostatic spraying exterior. It has fixed temperature operation, timing function, auto stop function. It has additional function like reservation switch, historical temperature and humidity data curve query, U disk data storage and export, deviation correction, menu locked, power failure back-up, power failure memory, intelligent defrosting.

Specifications

Volume	250 L
Inner chamber size (W x L x H)	600 x 500 x 840 mm
Exterior size (W x L x H)	794 x 726 x 1600 mm
Shelf number	6
Cycle Mode	Forced convection, Rear micropore. Supply air in front of the plate
Temp. Range	Without illumination:0~65℃; With illumination:10~65℃
Temp. Resolution Ratio	0.1℃
Temp. Uniformity	±1.0℃
Temp.Motion	±1℃
illumination(LX)	Full spectrum0-30000LX many degrees for adjusting
Humidity Range	40%~95%RH
Inner Chamber	SUS304 stainless steel sheet
Outer Shell	Cold rolling steel electrostatic spraying exterior
Heater	Stainless steel heating tube
Compressor	Air cooled hermetic compressor
Defrosting Structure	Automatic
Humidity control mode	Automatic
Temp. control mode	30 sections program

Display	7.0 inch touch screen
Operation function	Fixed tempperature operation, timing function, auto stop.
Sensor	PT100 Temp. Sensor, Imported chip humidity sensor
Power rating	2.0kw
Power supply	AC220V/4.5A
Packing dimension	900 x 830 x 1800 mm
Gross weight	117 kgs

Features

- Designed with 7.0 inch color touch screen display
- It has PT100 temperature sensor, imported chip humidity sensor
- Equipped with over temperature protection function, long-term under temperature cut off the refrigeration system, protect the sample by loop self-diagnosis
- Standard four layer full spectrum LED lamp board
- 6 shelf storage capacity (optional)
- Audio-visual temperature deviation alarm
- Adjustable inter-shelf spacing

Applications

- Used in botanical and agricultural applications, plant pathology, plant tissue culture, microbial cell culture, seed germination studies and plant genetic research

Standard Accessories

- Shelf x 4 pcs
- Shelf plate x 8 pcs

Optional Accessories

- Light barrier
- USB
- Printer
- Wireless $MS alarm
- C02 concentration control

71-75 Shelton Street Covent Garden, London WC2H 9JQ UK.
Email: info@labdex.com | Website: www.labdex.com